

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims in the application:

- 1.-38. (Canceled)
39. (Currently amended) The method of treatment of Claim 43 wherein the subject is human.
- 40.-43. (Canceled)
44. (New) A method of providing mature hepatocytes to a subject in need thereof comprising parenterally administering to the subject a composition enriched in hepatocyte precursor cells, the composition having been obtained by culturing a population of immature liver cells, including hepatocyte precursor cells capable of differentiating into mature hepatocytes, in a serum-free culture medium, extracellular matrix and liver stromal cells, and in which the hepatocyte precursor cells differentiate into mature hepatocytes *in vivo*.
45. (New) The method of Claim 44 in which the subject is a human.
46. (New) The method of Claim 45 in which the subject in need has a liver dysfunction.
47. (New) The method of Claim 44 in which the administering comprises injecting, transplanting, or grafting.
48. (New) The method of Claim 47 in which the injecting is into the spleen, portal venous system, bile duct or peritoneum of the subject.
49. (New) The method of Claim 44 in which the population of immature liver cells is obtained from a donor.